

Date: Sun, 29 May 94 19:42:25 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #590
To: Info-Hams

Info-Hams Digest Sun, 29 May 94 Volume 94 : Issue 590

Today's Topics:

 BIG Amplifier Parts
 Closed Repeaters (HAM probs) (3 msgs)
 Daily Summary of Solar Geophysical Activity for 28 May
 Ham Radio few problem
 IPS Daily Report - 29 May 94
 Luck Hurder ... gone:(Why?
 What does HAM mean ?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 May 94 11:15:00 GMT
From: netcomsv!netcomsv!eabbs!don.turner@decwrl.dec.com
Subject: BIG Amplifier Parts
To: info-hams@ucsd.edu

Hello Guys: I need the following, If you are willing to part with some
of these, drop me a line.

Chimney for a 4-1000A
Filter capacitor, preferably oil filled, 25-50 uF @ 3.5-5kV
Vacuum variable capacitor, 250pF max. @ 5kV.

Thanks....WA6WRX, Don Turner

Date: 29 May 1994 14:05:10 -0500
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!
sashimi.wwwa.com!gagme.wwwa.com!not-for-mail@network.ucsd.edu
Subject: Closed Repeaters (HAM probs)
To: info-hams@ucsd.edu

Well sometimes it might be nice to have a closed machine, yet it can be annoying. Personally I talk on a machine that is open yet it is closed.

Now if you ask me how is that possible I say the system requires that you have an MDC radio. This is normally found in the Motorola nitch. However, there are after market products available to make the Japanese radios do MDC 1200. However, if somebody is on the machine with teh data burst simular to that of police radios you can talk on the machine. The TOT is set for about four minutes after that time if it had not heard teh MDC it will just ignore you. The philosophy(SP) BEHIND THIS IS THAT THE mdc 1200 IS A UNIT IDENTIFIER, it has all the information on a computer attached to machine that records when you keyed up for how long and how often. The computer then has your name, address, call, and class of license. Now to become a registered user all you have to do is talk to the owner of the machine and he will get you set up on the computer. I find tis system to be very good. It keeps down on the Kerchunking. However, I have the MDC and the end of my transmission therefore I have to kerchunk to talk. But that is OK with this sytem and how it is run.

Over all this aslo gives the operator(owner) the option to discontinue any person that he sees fit. So far it seems that he as NEVER done this, however if a user becomes abusive he wqill terminate them.

73 DE N9SRW On the Air
Leif Ericksen 442.975+ 114.7PL && 442.900+ 114.7PL MDC 1200
phantom@gagme.wwwa.com If you can hear it does it matter?
phantom@interlink.net

Date: Sun, 29 May 1994 23:09:29 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
md@network.ucsd.edu
Subject: Closed Repeaters (HAM probs)
To: info-hams@ucsd.edu

phantom@gagme.wwwa.com (Leif Ericksen) writes:

> Well sometimes it might be nice to have a closed machine, yet it can

The 3-Hr Ap Indices for 27 MAY 94 are: 9 7 4 6 8 9 6 6
Greater than 2 MeV Electron Fluence for 28 MAY is: 2.5E+07

SYNOPSIS OF ACTIVITY

Solar activity was very low. The solar disk is spotless.
No events were observed.

Solar activity forecast: solar activity is expected to be
very low.

The geomagnetic field was quiet until about 28/1000Z when
the field gradually became disturbed. Unsettled to storm
conditions were observed thereafter. Major storm conditions
occurred at most stations from 28/1500-1800Z. This is thought
to be the beginning of a recurrent disturbance associated with
a coronal hole.

Geophysical activity forecast: the geomagnetic field is
expected to be at active to storm conditions for the three
day forecast period. Major to severe storm periods are possible
during local nighttime.

Event probabilities 29 may-31 may

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 29 may-31 may

A. Middle Latitudes	
Active	20/20/20
Minor Storm	30/30/30
Major-Severe Storm	25/25/25
B. High Latitudes	
Active	15/15/15
Minor Storm	30/30/30
Major-Severe Storm	35/35/35

HF propagation conditions were normal over all regions
until about 15:00 UTC when enhanced levels of geomagnetic and
auroral activity began to affect high and upper-middle latitude
propagation. Conditions have not yet had a significant impact

on propagation through these regions. However, that is expected to change during the local night hours when propagation could become more seriously degraded, particularly for transauroral paths. As the activity matures over the next couple of days, longer-lasting periods of signal degradation are expected. Propagation may be worst on 30 or 31 May during the anticipated peak of activity.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 28/2400Z MAY

NMBR LOCATION LO AREA Z LL NN MAG TYPE

NONE

7727 N08W78 053 PLAGE

7728 S07E12 323 PLAGE

REGIONS DUE TO RETURN 29 MAY TO 31 MAY

NMBR LAT LO

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 28 MAY, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP

NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 28 MAY, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV

NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 28/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
83	S60E36	S60E36	S10W57	S10W57	339	EXT	NEG	037	10830A
84	N44E56	N33E46	N37W49	N44E56	300	ISO	POS	006	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op Region	Locn	2695 MHz	8800 MHz	15.4 GHz
------	-------	-----	-----	------	-----------	------	----------	----------	----------

NO EVENTS OBSERVED.

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
	--	--	--	--	--	--	--	--	---	-----
Uncorrelated:	0	0	0	0	0	0	0	0	000	(0.0)

Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
-----	-----	-----	-----	-----	---	-----	-----	-----
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Sun, 29 May 1994 20:58:18 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!csus.edu!netcom.com!
nduehr@network.ucsd.edu

Subject: Ham Radio few problem
To: info-hams@ucsd.edu

: Over 90 percent of repeaters in Southern Cal are closed to virtually all
: hams, and this IS unwholesome. Eventually we will do something about it,
: however.

I agree with AB6WR, something does need to be done about this. I visited
SoCal recently and could only get one ham to talk to me on a 2m/70cm
repeater the entire time I was in L.A.

This compared to an area where only one 2m repeater has a subaudible
tone on it due to the pagers on the same mountain. And it can be shut
off with a simple 0* command and turned back on with a 1*. Most of the
440 machines has subaudible tones in the Denver metro area out of
necessity from interference, also, but none of the machines are truly
"closed" to other hams.

Southern California has taken the hobby out of ham radio and turned 2m
into a ham-commercial band. Sad.

73 de Nate, N0NTZ

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Regards,
Nate Duehr

nduehr@netcom.com

Date: Sun, 29 May 1994 23:17:22 GMT
From: news.Hawaii.Edu!munhari.oz.au!bunyip.cc.uq.oz.au!harbinger.cc.monash.edu.au!
news.cs.su.oz.au!metro!ipso!rwc@ames.arpa
Subject: IPS Daily Report - 29 May 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 29/2330Z MAY 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 29 MAY AND FORECAST UP TO 1 JUNE

IPS Warning 15 was issued on 26 May and is still current for
interval 28 May to 7 June.

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 069/003

1B. SOLAR FORECAST

	30 May	31 May	01 June
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 070/005

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: active to minor storm

Estimated Indices : A	K	Observed A Index 28 May
Learmonth	29 4444 4544	
Fredericksburg	35	21
Planetary	42	25

Observed Kp for 28 May: 1113 4554

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
30 May	40	Active to minor storm.
31 May	35	Active to minor storm.
01 Jun	35	Active to minor storm.

2C. MAGNETIC COMMENT

disturbances expected until 7 June due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
29 May	normal	normal-fair	poor-fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
30 May	normal	normal-fair	poor-fair
31 May	normal	normal-fair	poor-fair
01 Jun	normal	normal-fair	fair-poor

3C. GLOBAL HF PROPAGATION COMMENT

NONE.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were 15 to 20% below predicted monthly values.

Observed T index for 29 May: 10

Predicted Monthly T Index for May is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
30 May	15	Near predicted to 15% depressed.
31 May	15	Near predicted to 15% depressed.
01 Jun	15	Near predicted to 15% depressed.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected until 8 June due to coronal hole sourced activity.

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 29 May 1994 16:29:01 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Luck Hurder ... gone:(Why?
To: info-hams@ucsd.edu

So what do K1ZZ and other top ARRL staffers earn in terms of salary?
Randy Padawer, WA4FJF

Date: 29 May 1994 16:25:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: What does HAM mean ?
To: info-hams@ucsd.edu

The "Home Amateur Mechanics" magazine source has always seemed the most logical. My old elmer, Cliff Trischler (W4IO, now SK), had several copies of the old periodical. The magazine had several columns, "HAM Aviation" among "HAM Radio," among others.

Randy, WA4FJF

Date: Sun, 29 May 1994 20:42:46 GMT
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <rogjdCqAB3L.9r5@netcom.com>, <2s5g88\$e7n@btree.brooktree.com>,
<rogjdCqIMy5.Fnq@netcom.com>
Subject : Re: Ham Radio few problem

>Roger Bly (roger@btree.brooktree.com) wrote:

>

>: Good! Several of us in San Diego are also writing letters, petitioning,
>: jamming, etc. to shut down closed repeaters in the amateur service.

^^^^^^

Ah yes, the 'new blood' that will save the hobby. They practice jamming when they don't get their way, then brag about it. What a filthy disgrace.

>: There there are several FCC commissioners (I know one personally) that are
>: sympathetic to our cause.

And does this FCC commissioner that you personally know also know that you are a jammer? I doubt he would be very sympathetic, and would surely distance himself from you if he found out.

>: PS. My wife is a communications lawyer.

And has your communications lawyer wife counselled you concerning your jamming activities? If she knows you're jamming and condones it then she's a lawyer of the lowest class.

The newspapers would have a field day if you get caught: ``Husband of communications lawyer gets arrested for intentional radio jamming.''
That would do wonders for her career.

>: Roger Bly

>: roger@brooktree.com

For those who are interested, he's KA6MWT

Someone send this guy either a copy of Part 97 or a CB radio. His article

has perfectly explained the need for closed repeaters.

Jeff NH6IL

Date: Sun, 29 May 1994 21:01:06 GMT
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <2s5g88\$e7n@btree.brooktree.com>, <1994May28.151635.9606@cs.brown.edu>,
<ddtodd.124.000ABCF1@ucdavis.edu>
Subject : Re: Ham Radio few problem

In article <ddtodd.124.000ABCF1@ucdavis.edu> ddtodd@ucdavis.edu (Daniel D. Todd)
writes:

>In article <1994May28.151635.9606@cs.brown.edu> root@pstc3.pstc.brown.edu (System
Operator) writes:

>>roger@btree.brooktree.com (Roger Bly) writes:

>>> Good! Several of us in San Diego are also writing letters, petitioning,
>>> jamming, etc. to shut down closed repeaters in the amateur service.
>>> probably get more organized.

>

>>Yup folks, another fine example of how to "quantity before quality"
>>attitude in Ham Radio is swelling our ranks with "fine" operators who
>>think that jamming is perfectly acceptable.

>

>From QRZ! CD:

>KA6MWT

>	ROGER G. BLY JR	License: Advanced	10/8/91
>	4740 MOUNT ETNA DR	Born:	12/24/63
>	SAN DIEGO, CA 92117		

>

>But most people want strict code requirements, which didn't work to filter
>this lid out.. It is not a matter of making sure someone can copy @ <put
>favorite number here>WPM the problem is that we have people who are willing to
>use illegal activity to affect their desired ends. This is not some form of
>'civil disobedience' afterall he is certainly not using these repeaters
>without permission, he is simply making it impossible to use them at all.
>Perhaps if the rules were set to insure that everyone understood the reasons
>we have amateur radio and the way it is supposed to be a service the community
>we have fewer closed repeaters and fewer jammers. perhaps the examination
>process should stress these aspects more than code speed or RF theory. It
>would also be nice if the FCC would take some action against an intentional
>jammer, especially when he repeatedly boasts about it in a public forum.

Good point, Dan (except for the code part ;). Maybe we should petition the FCC to include a psychological exam in addition to the code and theory tests; that might help weed out the potential trouble makers who would consider jamming to show their displeasure.

What's the current fine for intentional jamming? \$10,000?

Who is it that keeps claiming that VHF/UHF is healthy in So. Cal?

Sure glad we don't regularly have these problems down on HF CW.

73 Dan,
Jeff NH6IL

Date: Mon, 30 May 1994 00:25:39 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <2s5g88\$e7n@btree.brooktree.com>, <1994May28.151635.9606@cs.brown.edu>,
<ddtodd.124.000ABCF1@ucdavis.edu>
Subject : Re: Ham Radio few problem

roger@btree.brooktree.com (Roger Bly) writes:

>
> Good! Several of us in San Diego are also writing letters, petitioning,
> jamming, etc. to shut down closed repeaters in the amateur service.
^^^^^^

Wait a minute! Now I remember this guy. Recall back in December he posted an article stating how easy it is to operate in Southern California without a license, and how he bragged he had done that for years?

And he has the gall to use the subject line: 'Ham Radio - few problems'. I guess one never sees oneself as a problem.

In December someone on here chastised me for calling him a criminal and saying 'once a criminal always a criminal'; now he's jamming closed repeaters.

Sigh.

Back to HF CW where everyone's licensed and there's no jamming.

Jeff NH6IL

Date: Mon, 30 May 1994 02:04:07 GMT
From: netcomsv!netcom.com!rogjd@decwrl.dec.com
To: info-hams@ucsd.edu

References <1994May28.151635.9606@cs.brown.edu>,
<ddtodd.124.000ABCF1@ucdavis.edu>, <CqL11u.F40@news.Hawaii.Edu>é
Subject : Re: Ham Radio few problem

Jeffrey Herman (jherman@uhunix.uhcc.Hawaii.Edu) wrote:
SNIP

: Who is it that keeps claiming that VHF/UHF is healthy in So. Cal?

I'm the guy, Jeff: AB6WR..... name is Roger. (Not the same Roger who
referred to jamming earlier in this thread!)

I can assure you that in Southern California we take as dim a view of
jammers as is done anywhere else. Fortunately, the problem is manageable
and the jammers are reasonably few. T-hunting is big in our area, and
often if a jammer gets too out of hand he gets tracked down and
identified. These creeps tend to lose their enthusiasm for jamming when
they know that others know who they are.

73
--

rogjd@netcom.com
Glendale, CA
AB6WR

End of Info-Hams Digest V94 #590
